

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 4 (Cancelled).

5. (Currently Amended) A method for producing software modules for field devices for process automation technology, wherein the software modules serve as device descriptions and have defined interfaces for application programs in process control systems, comprising the steps of:

producing standard device descriptions, syntactically and semantically correct, from electrical device descriptions for field devices not having a uniform form, or language by means of a first compiler or generator; and

converting the syntactically and semantically correct standard device descriptions further into corresponding software modules by means of a second compiler.

6. (Previously presented) The method as claimed in claim 5, wherein: interfaces and the software modules meet the FDT/DTM specifications.

7. (Currently Amended) The method as claimed in claim 5, wherein: the ~~standard~~ electrical device descriptions are one of: PDM device descriptions, HCF device descriptions or company-specific device descriptions.

8. (Previously presented) The method as claimed in claim 5, wherein: the syntactically and semantically correct standard device descriptions are EDD 1.1 device descriptions.

9. (Previously presented) The method as claimed in claim 8, further comprising the step of:
producing the EDD 1.1 device descriptions PDM device descriptions

10. (Previously presented) The method as claimed in claim 8, further comprising the step of:
using the second compiler to produce graphical user interfaces in XML language from the EDD 1.1 device descriptions.